

EXHIBIT A

Purpose: Screening Protocol St. Louis 03/07/2003

Initials: JJ

Date: 3/7/02

Technician: Eric Leifhardt

Run	Duration	Task	.prm File	Comments
1	1 min	resting with eyes open	base60	
2	1 min	resting with eyes closed	base60	Noted @ arm
3	2 min	opening and closing left/right hand	horizontal	Did well
4	2 min	imagining opening and closing left/right hand	horizontal	Processed well
5	2 min	protrude tongue in and out	onetarget	Protruded tongue
6	2 min	imagining to protrude tongue in and out	onetarget	Seemed more distracted
7	2 min	saying a word "move"	onetarget	Said word only once
8	2 min	imagine saying a word "move"	onetarget	
9	3 min	joystick task	joystick	
10	2 min	opening and closing left/right hand	horizontal	Some excessive arm movement
11	2 min	imagining opening and closing left/right hand	horizontal	
12	2 min	protrude tongue in and out	onetarget	Inconsistent - did it consistently
13	2 min	imagining to protrude tongue in and out	onetarget	Somewhat hyperkinetic
14	2 min	saying a word "move"	onetarget	Somewhat inconsistent
15	2 min	imagine saying a word "move"	onetarget	Seemed focused
16	3 min	joystick task	joystick	did well
17	2 min	opening and closing left/right hand	horizontal	inconsistent

18	2 min	imagining opening and closing left/right hand	horizontal	
19	2 min	protrude tongue in and out	on target	
20	2 min	imagining to protrude tongue in and out	on target	pursues
21	2 min	saying a word "move"	on target	
22	2 min	imagine saying a word "move"	on target	
23	3 min	joystick task	joystick	

VERY PERSISTENTIVE → goes beyond step points

UC:

- He is finally recovered enough to cooperate with the tasks required for the screening protocol. The protocol is attached above.
- He is somewhat tired and perseverates with the tasks.
- Data acquired is good.
- We will attempt to do loop tomorrow.
- Note: we have completed building the computer
Usual pin out diagrams for input on back

RE: THE FILTERS IN THE ACQUISITION
COMPUTER AND THE ANALOG COMPUTER
WERE ON. THIS PROBABLY MEANS
THAT FREQUENCIES ABOVE 70 Hz
WERE FILTERED OUT.

EXHIBIT B

Session DW 001
 Date: 5/21/03 - 5/22
 Screening Session: 001

Run	Task	.prm file	Comments
001 ✓	Resting eyes open	Base60	did well
002 ✓	Resting eyes closed	Base60	did well
003 ✓	Open closing right/left hand	horizontal	did well
004 ✓	Imagine Open closing right/left hand	horizontal	too fast
005 ✓	Protrude tongue in and out	Onetarget	did well
006 ✓	Imagine protrude tongue in and out	Onetarget	did well
007 ✓	Say word move	Onetarget	did well
008 (5/22/03)	Imagine saying word move 11:05	Onetarget	Network crashed (5/22)
009 ✓	joystick	joystick	did well
010 ✓	Open closing right/left hand	horizontal	did well
011 ✓	Imagine Open closing right/left hand	horizontal	did well
012 ✓	Protrude tongue in and out	Onetarget	did well
013 ✓	Imagine protrude tongue in and out	Onetarget	did well
014 ✓	Say word move	Onetarget	did well
015 ✓	Imagine saying word move	Onetarget	did well
016 ✓	joystick	joystick	did well
017 ✓	Open closing right/left hand	horizontal	did well
018 ✓	Imagine Open closing right/left hand	horizontal	did well
019 ✓	Protrude tongue in and out	Onetarget	did well
020 ✓	Imagine protrude tongue in and out	Onetarget	falling asleep
021 ✓	Say word move	Onetarget	did well
022 ✓	Imagine saying word move	Onetarget	did well
023 ✓	joystick	joystick	did well

024

joystick

did well

did well

Pre-Testing Check List — 5/21/05 : DW	
X	Unplug Bed
X	Unplug Fan and turn off TV
X	Use cortical lead as reference (most inactive lead) requires tech assistance
X	Change the HIGH filter settings on the acquisition computer (in EEG monitor lab) to OFF
-	Make sure that the acquisition frequency is set at 500 HZ
	Uncheck the analog printer filter settings on the BCI computer
	Names of Individuals involved : Eric Wuthardt Note = reference = scalp Gerwin Schalk Dan Moran
Post Testing Check List	
	Make sure name and run are correct following each run
	Make sure patient is reconnected to local network and being monitored

Note : In checking parameters we noted that the last case was sampled @ 500 Hz. Therefore we need to re-v data accordingly to 500 Hz because the analysis analyzed the data according to

to add to check list - the parameters

SOURCE

- * Sampling rate 500
- Software channels 32
- Sample Block size 20

MEM FILTER

- Bandwidth 2
- Model order 18
- MEM window 7
- Check MEM 2 c